

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$) **\$310.00****Complete if Known**

Application Number	09/855,851
Filing Date	May 16, 2001
First Named Inventor	David F. SORRELLS
Examiner Name	Le, Lana N.
Art Unit	2685
Attorney Docket No.	1744.1260001

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: **19-0036** Deposit Account Name: **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims** 11 - 20 or HP 90 = 0 x          =         

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims** 1 - 3 or HP 10 = 0 x          =         

HP = highest number of independent claims paid for, if greater than 3

**Multiple Dependent Claims**

Fee (\$)	Fee Paid (\$)
<u>        </u>	<u>        </u>

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>        </u> - 100 = <u>        </u> / 50 = <u>        </u> (round up to a whole number) x <u>        </u> = <u>        </u>				

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: \$180 IDS Submission Fee and \$130 Terminal Disclaimer Fee (Large Entity)**\$310.00****SUBMITTED BY**

Signature	<u>Patarick E. Garrett</u>	Registration No. (Attorney/Agent)	<u>39,987</u>	Telephone	<u>(202) 371-2600</u>
Name (Print/Type)	<u>Patarick E. Garrett</u>	Date	<u>7/1/05</u>		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





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July 1, 2005

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**Art Unit 2685**

Re: U.S. Utility Patent Application  
Application No. 09/855,851; Filed: May 16, 2001  
For: **Apparatus, System, And Method For Down-Converting  
And Up-Converting Electromagnetic Signals**  
Inventors: Sorrells *et al.*  
Our Ref: 1744.1260001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Credit Card Payment Form (PTO-2038) in the amount of \$310.00 to cover the \$180.00 Information Disclosure Statement submission fee and the \$130.00 Terminal Disclaimer Fee;
2. Fee Transmittal Form (PTO/SB/17);
3. Amendment and Reply under 37 C.F.R. § 1.111;
4. Courtesy copies of the First Supplemental Information Disclosure Statement and Form PTO-1449, both as filed on June 24, 2003, with a copy of the postcard date-stamped by the U.S. Patent and Trademark Office;
5. A courtesy copy of "page 3 of 13" from the Form PTO-1449 as filed with the Second Supplemental Information Disclosure Statement on November 16, 2004, with a copy of the postcard date-stamped by the U.S. Patent and Trademark Office;
6. Terminal Disclaimer;
7. Fourth Supplemental Information Disclosure Statement;



Commissioner for Patents

July 1, 2005

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8. Form PTO-1449 listing eleven (11) documents and accompanied by one (1) document; and
9. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Patrick E. Garrett

Attorney for Applicants

Registration No. 39,987

PEG/NDD/sjc  
Enclosures

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